Abstract

Organic Electroluminescent Component

The organic electroluminescent component of the invention comprises the following constituents:

a transparent bottom electrode (22) situated on a substrate (21);

a top electrode (26) composed of a metal that is inert to oxygen and moisture;

at least one organic function layer (23, 24) arranged between the bottom electrode (22) and the top electrode (26); and

a charge carrier injection layer (25) containing a complex metal salt of the composition (Me1) (Me2)F_{m+n}, whereby the following applies:

m and n are respectively a whole number corresponding to the valence of the metals Me1 and Me2 (the metal Me1 thereby has the valence m, the metal Me2 the valence n),

Me1 = Li, Na, K, Mg or Ca,
Me2 = Mg, Al, Ca, Zn, Ag, Sb, Ba, Sm or Yb,

with the prescription: Me1 ≠ Me2.

Figure 2